

WHAT IS CLAIMED IS:

1. A water circulation device comprising:

5 a hood is in cover shape with certain depth, several water inlet holes and a larger water outlet hole are on the hood surface, a cover ring is on the inner side of said hood surface;

10 a water outlet plate is in plate shape with an indentation on top, the size of said indentation corresponds to said cover ring for said cover ring to inlay, a passing hole is on the center of said water outlet plate for water to come in, the other side has a gap, a whirlpool shape extension slice is on the outside of said water output plate, a hole is on the end of said extension slice, a vertical extension tenon is on said hole, a round slice with height difference is on the periphery of said indentation, said extension slice and said round slice are combined into one body and extend outward;

15 a revolving plate is in plate shape, several protruding stripes surrounding the center are on one side of said revolving plate, an axis hole is on the center of said revolving plate, a center tenon surrounds said axis hole to connect to the axis of an external motor; and

20 a container is in shell shape with depth in vertical direction, a containing chamber with a chamber hole is on the center of said container, the size of said containing chamber corresponds to said revolving plate to contain the revolving plate, an outer hole corresponding to and larger than said water outlet plate is on the outer rim of said containing chamber, a hole path in curve shape and concave inward is on the end of said outer hole, said hole path with a wall hole is formed by the a wall protruding from said containing chamber, a protruding stem corresponds to said gap for positioning, the back of said container has a fastening device to combine others;

25 whereby said revolving plate and said water outlet plate are installed inside said container and is covered by said hood, the combination is further linked to the inner wall of the water tank, an external motor connects to said axis hole and bring said revolving plate turning, water comes in from said water inlet holes and is ejected from said water outlet hole.

2. The water circulation device recited in claim 1, wherein said hole of said water outlet plate is in semicircle shape.

3. The water circulation device recited in claim 1, wherein said protruding stripes of said revolving plate have different length.

5 4. The water circulation device recited in claim 1, wherein the combination of said hood and said container is fasteners and fastener holes.

10 5. The water circulation device recited in claim 1, wherein a back base is in shell shape with depth in vertical direction consists of a base containing chamber to contain said container and a fastener hole for said fastener of said container to buckle, a through hole on the center for the axis of an external motor to pass; the other external fastening devices are installed to link to the inner wall of the water tank.

6. The water circulation device recited in claim 5, wherein the combination of said back base and said container is a fastener and a fastener hole.

15 7. A water circulation device comprising:

a hood consists of several water inlet holes and a larger water outlet hole;

a water outlet plate with a passing hole in on the center;

20 a revolving plate consists of several protruding stripes surrounding the center and an axis hole is on the center;

a container consists of a containing chamber with a chamber hole is on the center for said revolving plate said water outlet plate to be installed inside; and

25 whereby said revolving plate and said water outlet plate are installed inside said container and is covered by said hood, the combination is further linked to the inner wall of the water tank, an external motor connects to said axis hole and bring said revolving plate turning, water comes in from said water inlet holes and is ejected from said water outlet hole.

8. The water circulation device recited in claim 7, wherein an extension slice is on the outside of said water output plate, a hole is on the end of said extension slice, a hole path in curve shape and concave inward is on a outer hole of said container for water to flow out.
- 5       9. The water circulation device recited in claim 7, wherein a back base consists of a base containing chamber to contain said container and a fastener hole for said fastener of said container to buckle, a through hole on the center for the axis of an external motor to pass; the other external fastening devices are installed to link to the inner wall of the water tank.

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